

Amendments to the Claims

This listing of claims will replace all prior versions and listings, of claims in the application.

Listing of Claims

1-22. (Previously Canceled)

23.(Currently Amended): A touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer, including at least a display screen and a shell; wherein an induction layer is provided in the rear of the display screen, the output of the induction layer is connected to an induction control circuit, a display screen control circuit is also provided in the shell, characterized by: the said induction layer is the antenna array printed on the insulation membrane and arranged along the X, Y axes, therein the area enclosed by each lattice unit constitutes one induction cell;

said insulation membrane is made by film material;

said induction layer consists of two or more layers, and the induction cells on respective induction layers are set to interlace each other.

24.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: a shield layer is provided after the induction layer in order to enhance the anti-interference ability of the device.

25.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to

claim 23, characterized by: a buffering layer is also provided between the induction layer and the shield layer.

26.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 25, characterized by: a space is provided between the induction layer and the shield layer.

27.(Previously Amended): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: said induction layer is the antenna array formed by etching the copper-platinum covering the insulation membrane.

28.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: said induction layer is an antenna array formed by the silver-plasm or the mixture material of the silver-plasm and the carbon-plasm which is printed on the insulation membrane; the said induction layer can be printed on two surfaces of the insulation membrane, or printed on one surface of the insulation membrane, and there are two layers of insulation membrane in which one is overlaid on the other.

29.(Currently Cancelled)

30.(Currently Cancelled)

31.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: the said components of the induction control circuit are mounted on a printed substrate which is separated from the induction layer, the output of the antenna array of the induction layer is connected to the corresponding input terminal on the printed substrate by means of pressure-connection, plug-in connection or welding-connection.

32.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 31, characterized by: the said output of the antenna array of the induction layer is positioned between a hard sheet and a printed substrate; a buffering layer is provided between the hard sheet and the output of the antenna array; the hard sheet, the buffering layer and the output of the antenna array are overlaid on the printed substrate by means of the screwing-conjunction; the output of the antenna array is connected with corresponding input terminal.

33.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 32, characterized by: the said printed substrate is the printed substrate of the display screen control circuit in the body of the display screen.

34.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 32, characterized by: the said printed substrate is the printed substrate of the

display screen control circuit outside the body of the display screen, or a self contained unit, otherwise it is set on the main board of PC; the connection between them is achieved by line or cable.

35.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: the said induction control circuit is positioned outside the body, and connected to the body through the electrical connection means; the output of the antenna array of the induction layer is connected with the output interface of the induction layer by means of pressure connection, plug-in connection, or welding-connection; an interface which can match the electrical connection means of the induction layer is provided on the control circuit.

36.(Previously Presented): The touch screen with built-in wire lattice electromagnetic induction layer according to claim 35, characterized by: the said output interface of the induction layer and the interface of the control circuit is one of the following: pin-type connection means, flexible printed circuitry means, PIN-PIN connection means, welding spot (VGA) thermal-melted connection means, ultrasonic welding device, solder-plate welding device, puncture-type connection means.

37.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: a protecting layer is provided in the front of the said display screen.

38.(Previously Presented): The touch control display screen with built-in membrane antenna array lattice electromagnetic induction layer according to claim 23, characterized by: the said display screen is a plasma display screen or a liquid-crystal display screen.